C.B. Patel Computer College
&
J.N.M. Patel Science College

Mobile Application Development II

Unit 1 Project Structure of Mobile Application

Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
1	Which file specifies the minimum required Android SDK version your application supports ??	main.xml	R.java	strings.xml	AndroidManifest.xml	
2	Every application must have an AndroidManifest.xml file in its root directory	TRUE	FALSE	-	-	
3	_____ Converts class file in to dex file.	javac	aapt	dx compiler	DVM	
4	OnCheckedChangeListener can be used with which control?	Button	CheckBox	Both Button & CheckBox	None	
5	Which Activity is called when Activity class is created?	onStart	onCreate	onStop	onResume	
6	Which one is not an Android application component?	R.Java	activity_main.xml	6.Resources	ListView	
7	What is the full form of .apk file?	Android Application Package	Application Package	Android Packages	Android Assets Package	

Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
8	Which of the following converts Java byte code into Dalvik byte code	Dalvik converter	Dex compiler	Mobile interpretive compiler (MIC)	None of the above	
9	Which of the following information is not included in the Manifest file ??	The activity contained in the application	The permission required by the applications	The application minimum version required	The handset Model compatible with your application	
10	manifest file contains	permissions	launcher activity	both (a) & (b)	none of above	
11	DVM is Optimized Virtual Machine for	Memory	Battery Life	Performance	All of the above	
12	The ScreenOrientation is an attribute of element	Layout	Manifest File	Acitivity	None	
13	AndroidManifest.xml file includes....	Activities, services	Content providers	Broadcast receivers	All of above	
14	Which of the following converts Java byte code into Dalvik byte code?	Dalvik converter	Mobile interpretive compiler	Dex Compiler	None of the above	
15	What is the default screenOrientation value?	sensor	landscape	portrait	unspecified	
16	What is an activity in android	android class	android package	A single screen in an application with supporting java code	None of the above	
17	Which of the following attributes is used to set an activity screen to landscape orientation ??	screenOraintation="landscape"	android:screenOraintation="landscape"	screenoraintation=landscape	android:ScreenOraintation="landscape"	
18	Which important attribute of the <uses-sdk> tag specifies the highest API level that the Android application supports?	The minSdkVersion attribute	The limitSdkVersion attribute	The maxSdkVersion attribute	The targetSdkVersion attribute	

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Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
19	What is the root element of AndroidManifest File?	application	activity	manifest	action	
20	Where we need to define Orientation of activity ?	Android Manifest File	Activity Class	XML Layout Design	Gradle Class	
21	Whuch tool compiles the java source file into the class file?	javac tool	dx tool	.dec tool	None	
22	The architecture used by DVM (Dalvik Virtual machine) is _____ based.	Stack	Register	Linked List	Queue	
23	What is the root element of the AndroidManifest.xml file	<application>	<manifest>	<activity>	<action>	
24	How can we kill an activity in android?	Using finish() method	Using finishActivity(int requestCode)	Both (a) and (b)	Neither (a) nor (b)	
25	What converts java bytecode into Dalvik bytecode ??	Dalvik converter	Mobile Interpretative Compiler	Java converter	Dex Compiler	
26	What requires at least one <action> tag?	Specifying required device features	Permissions	Specifying which hardware and software input methods the application supports	Intent filters	
27	Which of the following is necessary element to setup launcher Activity?	action	category	intent-filter	application	
28	Which of the following widget can be used as an alternative of CheckBox?	RadioButton	PushButton	ToggleButton	ImageButton	
29	Which file is auto generated file by aapt	R.java	Manifest file	MainActivity.java	ActivityMain.xml	
30	It is the default value. In such case, system chooses the orientation.	Portrait	Landscape	Sensor	Unspecified	

Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
31	If we create any component in the activity_main.xml file, id for the corresponding component is automatically created in which file?	A.java	APK.java	C.java	R.java	
32	ADB stands for -	Android debug bridge	Android delete bridge	Android destroy bridge	None of the above	
33	Space between the edge to of widget content of widget can be customized using _____	:padding	:weight	:margins	:height	
34	What is the basic user interface building block within Android?	Seekbar	The View class	Intent	The Activity class	
35	In which element of Manifest File, Android versions are specified?	uses-configuration	uses-sdk	R.java	None of the above	
36	_____ allow the user to select one option from a set	RadioButton	Spinner	Both RadioButton and Spinner	None	
37	Method of CheckBox in Androidstudio are...	isChecked()	setChecked()	A&B both	None	
38	Which one is not the values for screenOrientation attribute?	TextView	Sensor	Landscape	Unspecified	
39	We can perform action on button using different types such as calling listener on button or adding _____ property of button in activity's xml file.	onDblClick property	onClick property	onRClick property	onLClick property	
40	On which of the following, developers can test the application, during developing the android applications?	Third-party emulators	Emulator included in Android SDK	Physical android phone	All of the above	
41	Android widgets can be placed on _____?	:Status Bar	:Notification Bar	:Device Home Screen	:Application Splash Screen	

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Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
42	Every activity you define for your application must be declared in android.xml file?	TRUE	FALSE	-	-	
43	What is true about R.java file?	It is auto-generated file which contains resource IDs of all Resources.	It is auto-generated file which contains configuration settings	It is auto-generated file which contains string objects	None of the above	
44	_____ is an important file that defines the structure and metadata of application	Layout.xml	Manifest.xml	String.xml	Colour.xml	
45	Android Spinner class is the subclass of	Alert class	Item class	AsbSpinner class	Dialog class	
46	Find the correct tag to set the Screen Orientation	android:screenOrientation	android:screenorientation	Android:ScreenOrientation	android:SCREENOrientation	
47	The android.widget.Toast class is the subclass of _____ class.	java.lang.Object	java.lang.System	java.lang.Class	java.lang.Sys	
48	Which of the following kernel is used in Android?	MAC	Windows	Linux	Redhat	
49	Button option can be choose from the palette category	:textfield	:widgets	:layouts	:container	
50	name the file which specifies minimum required android SDK version your application supports?	ManifestAndroid.java	ManifestAndroid.xml	AndroidManifest.java	AndroidManifest.xml	
51	Which of the following in not available as class in R.java file ?	attr	id	menu	control	
52	Which of the following converts Java byte code into Dalvik byte code?	Dalvik converter	Dex Compiler	Java Compiler	None	
53	Alert Dialog is the subclass of....	Dialog	AsbAlert	Alert	Select	

Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
54	_____ is an auto-generated file by aapt (Android Asset Packaging Tool).	Java.R	R.java	Java	none of the above	
55	Using which method we can display Toast message?	get();	display();	show();	makeText();	
56	Which of the following is the first callback method that is invoked by the system during an activity life-cycle?	onClick() method	onCreate() method	onStart() method	onRestart() method	
57	By default in android studio during app development, the file that holds information about app's fundamental features and components is	: Build.gradle	: res/values	: res/layout	: AndroidManifest.xml	
58	XML layout file is	a layout PNG image file	a file used to draw the content of an activity	a file that contains all application permission information	a file that contains a single activity widget	
59	Which of the following is true about Button ?	It is a subclass of TextView class	It can only be created dynamically	It use setOnPressListener event handler	None of the above	
60	Which is the protected method of AlertDialog?	getButton()	onKeyDown()	onKeyUp()	onCreate()	
61	Alert Dialog method...	Title	SetIcon	Message	All of above	
62	Which one is types of Android Widgets?	Information	Collection	Hybrid	All of the above	
63	Android Spinner class is the subclass of _____ class.	AsbSpinner	AndroidSpinner	AdapterView	Object	
64	We require an AVD to create an emulator. What does AVD stand for?	Android Virtual device	Android Virtual display	Active Virtual display	Active Virtual device	

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Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
65	What is the name of the folder that contains the R.java file?	:bin	:src	:gen	:res	
66	which section has key component called Dalvik Virtual machine??	Libraries	Android Runtime	Application Framework	Application	
67	The value of TextView can be change dynamically using	getText()	getValue()	setValue()	setText()	
68	_____ is associated with AdapterView.	Android spinner	Android AlertDialog	RadioButton	Checkbox	
69	Android widgets contains	Android buttons	Android Toast	Toggle Buttons	All of above	
70	_____ shows the Alert message and gives the answer in the form of yes or no.	Spinner	ListView	Timer	AlterDialog	
71	In AlertDialog which method is used to keep Dialogbox open, even if Back button pressed?	.setCancelable(false)	.setCancelable(true)	.setHidden(false)	.setHidden(true)	
72	What is the use of content provider in Android?	For storing the data in the database	For sharing the data between applications	For sending the data from an application to another application	None of the above	
73	Space outside of the widget can be customized using _____	:height	:padding	:margins	:weight	
74	which method shuts down an activity	finish()	destroy()	destroyActivity()	finishActivity()	
75	Toast class contains _____ parameters for _____ method.	2, show()	3, makeText()	3, show()	2, makeText()	
76	Which of the following Dialog boxes are supported by Android? 1) AlertDialog 2) ProgressDialog 3) DatePickerDialog 4) TimePickerDialog	1 & 2	3 & 4	1 & 3	All	

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Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
77	What is full form of aapt?	Android Asset Packaging Tool	Android Asset Packing Tool	Android Application Packaging tool	Android Application packing Toolkit	
78	_____supports only Android Operating System	DVM	JVM	None of the above	All of the above	
79	RadioButton is generally used with _____ ?	RadioButtons	SelectionGroup	RadioGroup	ObjectGroup	
80	AAPT stands for -	Android Activity Packaging Tool	Android Asset Packaging Tool	Android Action Packaging Tool	None of the above	
81	In which file screen orientation is defined?	R.Java	AndroidManifest.xml	ActivityMain.java	None of the above	
82	_____ is the root element of AndroidManifest.xml file.	<application>	<activity>	<manifest>	<action>	
83	isChecked() method of the checkbox class_____	Returns true if it is checked otherwise false	Returns false if it is checked otherwise false	Returns true if it is unchecked otherwise false	Returns nothing	
84	Android AlertDialog is composed of _____.	Only action buttons	Only content area	Only title	title, content area and action buttons	
85	AlertDialog.Builder setTitle(CharSequence) method is used to set _____.	Title of the AlterDialog	Display AlterDialog	Build dialog	None of the above	
86	AlertDialog.Builder setMessage(CharSequence) method is used for _____	set the message for AlertDialog.	Display AlterDialog	Set Title of the AlterDialog	All of the above	
87	_____ is an attribute of checkbox used to set the current state of a checkbox.	state	checked	checkbox	checkbox state	
88	Can we apply theme on checkbox?	Yes, we apply theme on ckeckbox	No, we can not apply theme on checkbox	Theme is not supported onn checkbox	None of the above	

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Sr. No	Question	Option- A	Option - B	Option - C	Option - D	Correct Answer
89	What is true about R.java file?	It is auto-generated file which contains resource IDs of all Resources.	It is auto-generated file which contains configuration settings	It is auto-generated file which contains string objects	None of the above	
90	What is the possible screenOrientation value?	sensor	landscape	portrait	Allof the above	

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Unit 1 Mobile Application Development II

Assignment -2

Instructions:

1. Write all questions with answer.
2. Do not print and do not fill it.

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
1	_____ groups several items and display them in vertical scrollable list	Edit Text	List View	Text View	None of the above	
2	Which of the following is Dialog classes in android?	DatePickerDialog	ProgressDialog	AlertDialog	All of the above	
3	ListView uses _____ classes which add the content from data source (such as string array, array, database etc) to ListView.	Adapter	Array	ArrayList	ListView	
4	Which is the subclass of buttons	Androidbuttons	AndroidToast	ToggleButtons	All of above	
5	Which method sets the minimum number of characters the user must type before the suggestions appear as a drop-down menu, while working with ArrayAdapter?	SetMinChar()	MinChar()	setThreshold()	None of the above.	
6	What divider property indicates?	Drawable or Color to draw between two Controls	Drawable or Color to draw between two Layouts	Drawable or Color to draw between two List Items	None of the above	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
7	The XML file that contains all the text that your application uses.	stack.xml	text.xml	strings.xml	string.java	
8	The _____ takes your layout XML-files and creates different View-objects from its contents.	Inflater	LayoutInflater	View	ViewGroup	
9	Table layout and form layout are use to _____	Create sliding tabs	Create non sliding tabs	Create Scroll tab	Create non scroll tab	
10	How will you access the array that is created in strings.xml file located in the res/values folder? Suppose that array name is days and spinner control is used.	String arr[]=(array)findViewByID(days);	ArrayAdapter adapter= ArrayAdapter.createFromResource(this, R.array.days, android.R.layout.simple_spinner_item);	findViewByID(days);	None of the above.	
11	Which adapter need to be inherited to display custom Simple List View	Base Adapter	Spinner Adapter	Array Adapter	String Adapter	
12	Layout xml file containes_____	Orientations and layouts that specify what the display looks like	The strings used in the app	The permissions required by the app	The code which is compiled to run the app	
13	To make custom listview, Activity class need to extend _____ class.	ArrayList<String>	Adapter<String>	ArrayAdapter<String>	Array<String>	
14	_____is executed by making abd changes over edit text.	Before TextChanged()	OnTextChanged()	AfterTextChanged()	All of above	
15	Which control works as a dropdownlist in Android?	Spinner	ComboBox	List	None of the above.	
16	Which of the following returns customized View while using Custom ListView?	getView()	setAdapter()	inflate()	None of the above	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
17	thread in android is_____	Same as services	Background activity	Broadcast receiver	Independent dipatchable unit	
18	The android.widget.DatePicker & android.widget.TimePicker is the subclass of _____ class.	TabLayout	ConstraintLayout	LinearLayout	FrameLayout	
19	Which ListView control provides a two-level list?	DoubleListView	MultiListView	ExpandableListView	AdvancedListView	
20	The_____ view provides visual feedback about some ongoing tasks, such as performing a task in a background.	Image Button	Toggle Button	Spinner	Progress bar	
21	Which of the following event returns selected date and time from DateTimePicker?	OnClick	onDateChange	onSelectedDateChanged	All of the above	
22	The R file is _____ generated file	Manually	Automatically	Emulated	none of the above	
23	In DatePicker widget, which method is used to get the day from the selected date?	getDayOfMonth()	getDay()	getDayOfDate()	getCurrentDate()	
24	_____are the Views that enables user to select from a list,such as Date and Time picker views.	Basic View	PickerView	ListView	None of above	
25	_____ is used when presenting users with a group of selectable options that are not mutually exclusive	Toggle Button	Check Box	Radio Button	None	
26	Which of the following Listener needs to set Time Change Event?	TimePicker.onTimeSetListener	View.onTimeChangedListener	TimePicker.onTimeChangedListener	TimePicker.onTimeListener	
27	_____ is use to display a progress bar in an Android application?	ProgressBar	ProgressDialog	Both a & b	None of above	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
28	In order to get the time(hour) selected by the user on the screen, you will use _____ method?	getHourOfTime()	getHour()	getCurrentHour()	getTime()	
29	Which of the following layout in android aligns all children either vertically or horizontally?	Realtive Layout	Table Layout	Frame Layout	Linear Layout	
30	_____ is designed to block out an area on the screen display a single item	TabLayout	FrameLayout	LinearLayout	AbsoluteLayout	
31	Which of the following is a method used for Progress Bar ?	setMessage()	setProgress()	setMax()	All of the above	
32	the parent class of all widgets is _____	ViewGroup	Layout	View	Widget	
33	The ProgressDialog class provides _____ method, which will immediately update the visual position of the progress indicator.	setValue()	setProgress()	setMax()	setMin()	
34	In order to automatically adjust to fit the content,the layout_height must be set to	Wrap Content	Fill Perent	X and Y coordinate	None	
35	What is the default value of the orientation attribute in LinearLayout?	Horizontal	There is no default value of orientation attribute in LinearLayout	Vertical	None of the above	
36	Select any correct statement.	A HorizontalScrollView provide Horizontal Scroll for Controls	A HorizontalScrollView is a FrameLayout.	ScrollView class provides the functionality of scroll the child elements of palette	All of the above	

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Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
37	Which of the following call-back method is invoked when a view is clicked?	OnClickListener	OnClickDetector	OnTapListener	OnTapDetector	
38	To implement image slider, you need to inherit _____ class which extends PagerAdapter.	ViewPager	Adapter	View	ViewGroup	
39	API stands for:	App package installation	Application programming interface	Android package interface	App programming interface	
40	_____ are views that display a long list of items.	List view	Specialised fragments	Frame view	None	
41	Which widget can be used to provide suggestion within Edit Text	Text Watcher	EditText with Hint	AutoCompleteText View	Spinner	
42	bridges between UI components and the data source that fill data into UI component is called _____	Cursor	Adapter	Database	Array	
43	Which method returns the number of available views in ViewPager?	getLength()	getItems()	getCount()	getPages()	
44	Which of the following layout in android arranges its children into rows and columns?	RelativeLayout	TableLayout	FrameLayout	None of above	
45	All layout classes are direct sub classes of_____	java.lang.object	android.widget	android.view.View group	android.view.View	
46	Which control is significant to create Slider of Image	ImageSlider	ViewPager	Both ImageSlider and ViewPager	None of the Above	
47	_____ is a pre defined subclass of textview that includes rich editing capabilities.	Button	Textview	Edittext	Richtext	
48	Which method is executed after making any change over EditText?	beforeTextChanged()	afterTextChanged()	textChanged()	changed()	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
49	Which method returns selected day of month	get_day_of_month	get_month	get_day	A & C Both	
50	AAPT stands for	Android Asset Packaging Tool	Android Activity Packaging Tool	Android Action Packaging Tool	None of the above	
51	Which is the true statement for ListView?	It is necessary to use ListView as a set with ListActivity.	You cannot use a ListView when there is no information to be displayed.	Android ListView is a view which contains the group of items and displays in a scrollable list.	When displaying a list of Strings using an ArrayAdapter class in ListView, you must save the value in an ArrayList.	
52	How to set data for a ListView?	A)Define in XML file	B)Use function setListAdapter()	C)Use function addView()	Both B) and C)	
53	ListView is implemented by	Import android.widget.ListView class.	Imports android.widget.ListView class.	Import android.app.ListView class.	Imports android.view.ListView class.	
54	If a Java View list exceeds the length of the screen, what is done to the list?	the list is truncated	the list is shrunk to fit	the list is paginated	the list is made scrollable	
55	Which of the following is correct in .java file?	ArrayAdapter(Context context, int resource, T[] objects, int textViewResourceId)	ArrayAdapter(Context context, int resource, int textViewResourceId, T[] objects)	ArrayAdapter(Context context, int textViewResourceId, int resource, T[] objects)	ArrayAdapter(T[] objects, Context context, int textViewResourceId, int resource)	
56	ListView method _____ to determine how many items can be selected.	setChoice	setChoiceMode	setMulipleMode	setMode	
57	Which method of ImageSwitcher provide implementation of ViewFactory interface?	getFactory()	setFactory()	makeFactory()	createFactory()	

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Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
58	_____ define the look of widget	i)android:datePickerMode	ii)android:timePickerMode	iii)Both i) & ii)	iv) None of the above	
59	Which method is use for user click on ListView?	setOnItemListenerClick()	setOnItemClickListen ()	setOnItemClickListener()	setItemClickListener()	
60	_____ to display the status of work being done.	Android DatePicker	Android TimePicker	Android Progress Bar	Android Status Bar	
61	Which class is use to show Progressbar?	android.app.ProgressDialog	android.widget.ProgressDialog	android.view.ProgressDialog	android.os.ProgressDialog	
62	Android supports _____ as default scroll view	horizontal scroll view	vertical scroll view	both horizontal & vertical scroll view	none	
63	Which method is use to returns a filter that can be used to constrain data with a filtering pattern?	setFilter()	returnFilter()	voidFilter()	getFilter()	
64	Parent class of AutoCompleteTextView is _____	TextView	EditText	MultiAutCompleteTextView	None	
65	Which method is use to returns a filter that can be used to constrain data with a filtering pattern?	setFilter()	returnFilter()	voidFilter()	getFilter()	
66	EditText uses _____ interface to watch change made over EditText	TextViewer	TextListener	TextWatcher	None	
67	Which method of TabLayout class is use to create Tabs?	newTab()	setTeb(int)	setIcon(int)	None of the mentioned.	
68	Which method returns the number of available views in ViewPager	getTotal()	getCount()	Both getTotal() and getCount()	None	
69	Which is not a method of ProgressDialog class?	setProgress()	setMessage()	setProgressStyle()	All of the mentioned	
70	SearchView widget can be implemented over _____	ToolBar/ActionBar	inside a layout	ToolBar/ActionBar or inside a layout	can't say	

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Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
71	Which method is used to display items in liast view?	setItem()	setAdaptor()	Adaptor()	setAdaptorItem()	
72	Which widget is used to select date?	DatePicker	DateTimePicker	TimePicker	GetDatePicker	
73	To get the minute selected by user on screen which method is used in TimePicker widget.	getTime()	getMinute()	getCurrentMinute()	getMin()	
74	What are the correct types of progress available in Android?	Spinning wheel and horizontal bar	Vertical bar	Circle wheel	None of these	
75	getMax() method returns the _____.	Maximum time taken by progress bar	Minimum time taken by progress bar	Maximum value of the progress bar	Set maximun time of progress bar	
76	Which widget completes the word based on the reserved word, so no need to write all the characters of the word?	TextView	AutoCompleteTextView	EditText	All of these	
77	The _____ method of ImageSwitcher provide implementation of ViewFactory interface.	ViewFactory()	setFactory()	Factory()	GetFactory()	
78	SearchView is by default collapsible and set to be iconified using _____ method.	setIconDefault(true)	IconifiedByDefault(true)	setIconified(true)	setIconifiedByDefault(true)	
79	What is use of public boolean onQueryTextSubmit(String query)?	It searches the query on the submission of content over SearchView editor.	It searches the query at the time of text change over SearchView editor.	It Change the query at the time of text change over SearchView editor.	None of these	
80	We can add fragment in tab layout to add tabs.	TRUE	FALSE	Can't say	None of these	

@

Write all

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Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
1	Which of the following statement represent incorrect string interpolation? Variable name is declared as: var name = "Me";	print("Your name is $name");	print('Your name is ${name}');	print('Your name is {name}');	none of above	
2	We can run Dart programs using	Command-line	Browser	IDE	All of the above	
3	Dart is an?	general-purpose	open-source	programming language	All of the above	
4	Dart is an?	open-source	general-purpose	programming language	All of the above	
5	Dart has multiple interfaces	TRUE	FALSE	Can be True or False	Can't say	
6	DART language was released in _____	2015	2014	2017	2011	
7	Which statement calls function fullName correctly? Given fullName is defined as: String fullName(String first, String last, [String middle]) { return middle == null? '$first $last': '$first $middle $last'; }	var a = fullName('First', 'Last', ['Middle']);	var a = fullName('First', 'Last', null);	var a = fullName('First', 'Last', middle: 'Middle');	all of above	
8	Which of the following is related to Dart?	Garbage Collection	Type Annotation	Portability	All of the above	
9	The _____ function is a predefined method in Dart.	declare()	main()	list()	return()	
10	Dart is originally developed by?	Microsoft	Google	IBM	Facebook	
11	Fullform of AOT _____	Ahead Of Time	After Of Time	Ahead of Temp	Accured Of Temp	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
12	Which of the following is correct use of fat arrow?	int multiply(a, b) => { return a * b; }	int multiply(int a, int b) => return a * b;	int multiply(int a, int b) => a * b;	int multiply(a, b) => { a * b; }	
13	Which of the following is not a feature of Dart?	It is Open-source comes with BSD licence, it is free and available publicly.	It is Platform independent like java and can run on any platform using DVM (Dart Virtual Machine)	Dart is Stable and very useful for real time applications.	None of the above	
14	Dart is an Object-Oriented language.	No	Yes	Can be yes or no	Can not say	
15	The _____ function is a predefined method in Dart.	declare()	list()	main()	return()	
16	--version command is used to	Enables assertions	Displays VM version information	Specifies the path	Specifies the path	
17	What is an entry point in Dart?	declare()	list()	main()	return()	
18	Which statement is correct? Given: var nums = ['one', 'two', 'three'];	nums.forEach((n) { print(n); });	nums.forEach(print(num.toString());	nums.forEach(print(num));	nums.foreach(n.print ());	
19	Which of the following is not a type of parameter in dart?	Named parameter	Default parameter	Optional parameter	Null parameter	
20	Flutter apps are written in the _____ language and make use of many of the language's more advanced features.	Dart	C++	C	Swift	
21	Dart programs run in _____ modes.	2	3	4	5	
22	Which of the following statements does not use string interpolation correctly? Variable name is declared as: var name = "Me";	print("Your name is $name");	print('Your name is ${name}');	print('Your name is {name}');	None	
23	How can we use optional / Skip parameter in Dart function?	[]	{}	()	None of the mentioned	
24	Online Dart editor is also known as _____	Dart compiler	Dart pad	Dart JVM	Dart AOT	
25	Which of the following statements is/are true about set (i)The entire set elements can be removed using the clear() methods. (ii)Remove() method is used to remove single element from set at a time	(i) is true and (ii) is false	(i) is false and (ii) is true	Both (i) & (ii) are true	Both (i) & (ii) are false	
26	Which of the following is not a datatype in Dart?	Character	Boolean	Map	List	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
27	The Dart language can be compiled _____.	JIT	AOT	Both JIT & AOT	None of the above	
28	Which command is used to compile Dart into javascript?	dart2js	darttojs	dartintojs	dartjs	
29	Which of the following statements does not use string interpolation correctly?	print('Your name in upper case is $"me".toUpperCase');	print("Your name in upper case is ${'me'.toUpperCase()}");	print('Your name in upper case is ${"me".toUpperCase()}');	none	
30	How can we use Named parameter in Dart function?	[]	{}	()	None of the mentioned	
31	Following are way to run dart program	Using Command line	Running on browser	Using IDE	All of above	
32	_____ does not allow storing of duplicate values	List	Set	Map	All of above	
33	Which of the following is not a type of comment in dart?	Single-line	Multiline	Documentation	None of the above	
34	An _____ is a real-time representation of any entity.	Method	Object	Class	None of the above	
35	Declaring the variable without initializing any value, what will be the default value of the variable?	0 (zero)	empty	Null	garbage value	
36	Which statement calls function fullName correctly? Given fullName is defined as: String fullName(String first, String last, [String middle]) { return middle == null ? '$first $last': '$first $middle $last'; }	var a= fullName('First', 'Last', ['Middle']);	var a = fullName('First', 'Last', null);	var a = fullName('First', 'Last', middle: 'Middle');	none	
37	In Named parameter which of the following is true.	Sequence of parameter does not matter.	Sequence of parameter matter.	Sequence of parameter matter only for first parameter.	None of the mentioned.	
38	Following is not data type of DART	Symbols	Runes	Maps	Array	
39	_____ is not a method of map	add()	clear()	remove()	forEach()	
40	Dart performs	Static type checking	Runtime type checking	Both static and Runtime Type checking	None of the above	
41	If you don't want to change the variable value, what keyword need to be used?	def	const	constant	fixed	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
42	The following statements will print: var cities = ['los angeles', 'san francisco', 'new york']; print(cities.firstWhere((c) => c.length < 10));	los angeles	new york	san francisco	none	
43	Which of the following is not true for => (FAT Arrow)?	Need not to write return keyword for return value.	Only one expression (statement) is allow.	Do not need to write { }	return keyword is use to returns a value	
44	Following is not Iterative statement.	For	While	Do..while	If....else	
45	which of the following is/are true statements (i)The ternary operator is right-associative, which means it can be "chained" to check multiple conditions in turn. (ii)Null checking Expression uses double-question-mark	both (i) & (ii) are true	both (i) & (ii) are false	only (i) is true	only (ii) is true	
46	Which function declaration is correct?	int multiply(a, b) => { return a * b; }	int multiply(int a, int b) => return a * b;	int multiply(int a, int b) => a * b;	none	
47	What is default return value in Dart function?	null	0	1	-1	
48	Following is correct syntax	return_type func_name() {}	func_name() {}	void func_name() {}	All of above	
49	_____ is a predefined method in Dart.	declare()	list()	main()	return()	
50	What is the significance of Dart2js file?	It converts Dart code into Java Byte Code	It Converts Dart code to Java Script code	It combines Dart with JS for Web Execution	It Run Dart code within JavaScript code	
51	Is Dirt Is Case Sensitive Programming Language?	YES	NO	MAY Be	MAY NOT	
52	Which operator is used for multi line comments?	#	//	/* */	??	
53	Which statement calls fullName2 correctly? Given fullName2 is defined as: String fullName2({String first = 'F', String last = 'L', String middle = null}) { return middle == null? '$first $last': '$first $middle $last';	var a = fullName2('First', 'Last', 'Middle');	var a = fullName2('First', 'Last', null);	var a = fullName2(first: 'First', last: 'Last');	All	
54	All datatype keep in dart as_____	var	widget	Object	None	
55	Following is not the way to give comment in dart	#	/*....*/	//	///	
56	_____ is a collection of key-value pairs in dart	List	Set	Map	Enum	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer
57	Does Dart Support Comment?	NO	YES	MAY BE	MAY NOT	
58	What is the extension of any dart file?	.dt	.dart	.ddt	.yaml	
59	Which method returns the first item in the list that satisfies the condition?	firstWhere()	first()	whereFirst()	where()	
60	Which symbol is use as multi line comment in dart?	/* */	\\	//	**\	
61	Which of the following command specifies where to find imported libraries	_I	_L	_p	_P	
62	_____ converts the Dart code in the optimized JavaScript code with the help of the dar2js compiler and runs on all modern web-browser.	JIT	AOT	DartPad	None of these	
63	In Dart Garbage collection handles _____	Memory Deallocation	Memory Allocation	Program execution	Process Creation	
64	Dart is a	Open Source	Object oriented	Platform Independent	All of the above	
65	In dart identifier must be unique and can not contain white space.	TRUE	FALSE	No rules for identifier	Non of the above	
66	What is the output of the following code block : void main() { var name = "Flutter"; print(" ${name} is easy"); }	name is easy	$name is easy	is easy	Flutter is easy	
67	The _____ type is used to store values in key-value pairs.	List	map	string	boolean	

Sr. No.	Questions	Option - A	Option - B	Option - C	Option - D	Correct Answer

68	What is the output of the following code block:
	void main()
	{
	int i = 1;
	for(;i<=5;i++)
	{
	print("Hello $i");
	}
	}
		Hello 1
		Hello 2
		Hello 3
		Hello 4
		Hello 5
			Hello $i	Hello i	Error	

69	_____ statement is used to break the flow of control of the loop.	continue	break	stop	exit	
70	It is possible to pass optional parameter in user defined function in DART	TRUE	FALSE			